

Date: Wed, 8 Jun 94 04:30:26 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #179
To: Ham-Equip

Ham-Equip Digest Wed, 8 Jun 94 Volume 94 : Issue 179

Today's Topics:

Any 1 hv problems w/ Porsche 924/944 + ham radios

Crystals

DUAL BAND RADIO 4SALE

Heath HW 5400 == Your Comments

Help On Selection of 2M HT

Icom R100 Comments SOught

ICOM W21AT . . . new . . . cheap

KAM Firmware.

Motorola: Micor & Mocom70

Old Heat receiver

SWR Analyzers (2 msgs)

TS-850 transmit coverage

Wanted: Fluke 8600 DMM Diagram/Manual

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>

Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 7 Jun 1994 06:01:06 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-
server.caltech.edu!pjb@network.ucsd.edu
Subject: Any 1 hv problems w/ Porsche 924/944 + ham radios
To: ham-equip@ucsd.edu

I am considering putting VHF/UHF or maybe even a portable
HF station in a 1987 Porsche 924S. Has anyone had RFI problems to
the computerized components in this vehicle, or in the 944 ('87-88 924
has 944 engine) ??

Thanks

Paul Brewer
pjb@cco.caltech.edu

Thanks in advance,
Mark

DUAL BAND HT 4SALE

Have 1 DJ-580T, ALINCO RADIO 4\$ALE, w/ ACCESSORIES. This is a nice little HT, I have one of my own. The HT is barely 1 Month old and like NEW.
If you buy NEW(with NO ACCESSORIES) it'll cost you just under \$420, depending on where you live and what ur sales tax is.

Selling this radio for \$335.00 + Shipping with a few accessories:

- * MICROPHONE
- * PLUG IN LIGHTER ADAPTER
- * RADIO CASE

If intersted, let me know... ASAP...

73 - Dave!

Date: 7 Jun 1994 15:50:49 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!news.aero.org!news2.aero.org!greenberg-t.aero.org!user@network.ucsd.edu
Subject: Heath HW 5400 == Your Comments
To: ham-equip@ucsd.edu

I would be interested in hearing from anyone having experience with the Heath HW 5400 all band HF rig. I have the opportunity to pick up one of these orphane radios in excellent working condx for 100 bucks incl. power supply. Let me know about your troubles, likes, dislikes, mods, etc., through the last 10 years or so, since it came out.

Thanks & 73.

Steve Greenberg
Aerospace Corporation

Date: Tue, 7 Jun 1994 12:48:01 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!
rogjd@network.ucsd.edu
Subject: Help On Selection of 2M HT
To: ham-equip@ucsd.edu

Robin Alexander (robin@ayjen1.ayo.dec.com) wrote:

: Hi,

: I'm currently on relocation in WA for a couple of months. I would like
: to get myself a 2M HT. Last time I bought one of these was about 10 yrs
: ago. I was wondering if anyone could give me any experience or advice
: on what to buy. On comment I can make on what I've seen so far is that
: ICOM seem to have a bewildering array of HT's.

: My requirements in order of priority are loosely these : -

: 1) Small-My Wife wants to be able to carry it in her purse comfortably.
: 2) MODIFIABLE for the UK Tone Burst.
: 3) Pager Function.
: 4) Easy To use.
: 5) Good Performance.
: 6) Ease of use in the car.

:
: Any comments advice would be gratefully received.

I used my Kenwood 78A while mobiling around the state of WA a couple of years ago, and really enjoyed it. You guys have lots of linked 2M and 440 repeaters up there. The 78A does have the pager function, and just about every other major bell/whistle that's out there. I don't know if it is modifieable for the UK tone burst, although I believe that the European model (the 78E) comes with it, so maybe it is. (You could call Kenwood).

Ease of use: the design philosophy is to program the functions to the memory channel, at which time the radio is very easy to use. Programming the 78A usually involves having the manual handy though.

The alphanumeric display is very nice. With the \$25 ME-1 memory chip, the radio has 125 alphanumeric memories, which is particularly nice if you travel, since you can program big chunks of channels by geographic area without deleting your home channel stuff.

I really like my 78a. It is a good radio.

73

--

rogjd@netcom.com
Glendale, CA
AB6WR

Date: 7 Jun 94 15:09:17 GMT
From: agate!overload.lbl.gov!dog.ee.lbl.gov!ihnp4.ucsd.edu!usc!
howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!panix!not-
for-mail@ucbvax.berkeley.edu
Subject: Icom R100 Comments SOught
To: ham-equip@ucsd.edu

I have a friend who is interested in the Icom R100. If you have experience with this radio, he'd appreciate hearing your comments (both pro and con) as well as alternative suggestions. Pointers to anyplace where discussions about the R100 might be archived would also be useful. I'll forward replies.

-Thanx
-Adam (N2DHH)

adam@panix.com

Date: 7 Jun 94 14:37:52 GMT
From: agate!howland.reston.ans.net!sol.ctr.columbia.edu!news.cs.columbia.edu!
news.columbia.edu!manila.cc.columbia.edu!alan@ucbvax.berkeley.edu
Subject: ICOM W21AT . . . new . . . cheap
To: ham-equip@ucsd.edu

In article <1994Jun6.135054.2444@hnrc.tufts.edu>,
Jerry Dallal <jerry@hnrc.tufts.edu> wrote:
>Because there has been some interest in the ICOM W21AT in this news group, the
>following information might prove useful . . .
>
>Last Saturday I went to the ICOM Tour America demo at Rivendell in Derry, NH.
>The ICOM W21AT was on sale for \$435.

> etc.

I got the W21AT for \$425 mail order from HRO a few months ago. I don't know if there's been tremendous inflation since then, but I would advocate calling around to the mail order companies too. See any QST issue for the ads.

73 de N2YGK

Date: 7 Jun 94 22:05:03 GMT
From: sdd.hp.com!col.hp.com!jms@hplabs.hpl.hp.com
Subject: KAM Firmware.
To: ham-equip@ucsd.edu

Brad Killebrew N5LJV (st3qi@elroy.uh.edu) wrote:
: What's the latest firmware for the KAM? I've had this thing for five
: years and may need to catch up to modern times. Thanks es 73...

Date: 7 Jun 1994 12:27:57 -0400
From: ihnp4.ucsd.edu!sdd.hp.com!usc!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!zip.eecs.umich.edu!panix!not-for-mail@network.ucsd.edu
Subject: Motorola: Micor & Mocom70
To: ham-equip@ucsd.edu

j d wilson writes:

>>James, I'm in the process of modifying a Micor for the 2 Meter band.

Dana Myers writes:

>Hmmm... if you get a "low split" receiver, you don't need to do anything but
>tune it up. Even the "mid split" receivers will usually tune down OK.

Locally, we have had the same experience with VHF and UHF micors (tx & rx) that we put into repeater service, voting receiver service, and packet service. If you're patient, you can find radios that are in the right range to begin with (eg 136-148) but the more common splits (150+ and 450+) will work also. Low band models do need to be modified (for 10M & 6M).

My favorite Micor story is from Dayton. There was a guy pulling his ~3 year old daughter along in a little red wagon as he browsed the flea market. A few hours later, I saw him again. The wagon was sagging under the weight of at least 6 micors and the 3 year old was

walking. Maybe you had to be there...

-Adam

Date: 7 Jun 1994 11:03:57 GMT
From: newsflash.concordia.ca!canopus.cc.umanitoba.ca!eeserv.ee.umanitoba.ca!
porban@uunet.uu.net
Subject: Old Heat receiver
To: ham-equip@ucsd.edu

I picked up an old receiver at a garage sale, a Heat GR 78. The unit is not working. Anyone knows where can I find documentation (user and service) to this receiver?

Thanks, Peter
orban@nrcamt.nrc.ca

Date: 7 Jun 1994 14:15:04 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!lll-winken.llnl.gov!noc.near.net!
jericho.mc.com!fugu!levine@network.ucsd.edu
Subject: SWR Analyzers
To: ham-equip@ucsd.edu

In article 5Bo@netcom.com, greg@netcom.com (Greg Bullough) writes:
-->In article <2sn83m\$2ic@hopper.acm.org> smithson@ACM.ORG writes:
-->>Does anyone have any experience/opinions about available SWR analyzers,
-->>like AEA's HF Analyzer or the MFJ models?

some stuff deleted

-->I can't comment on the AEA item, but it strikes me as a bit overprice and
-->overkill.
-->
-->Greg

The AEA HF 121 is a great instument. Yes it is expensive, but it is a device that has no rival. It can save hours and lotsa headaches tuning a multiband antenna and making a quick check on an existing system.

It is amazing to set the display to it's maximum bandwidth and then hook up an R5 or a G5RV to see all the dips.

Some devices are expensive but worth having. Consider the Bird

Date: Tue, 7 Jun 1994 12:49:49 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!library.ucla.edu!csulb.edu!csus.edu!
netcom.com!rogjd@network.ucsd.edu
Subject: TS-850 transmit coverage
To: ham-equip@ucsd.edu

Jeff Kilgore (kilgore@wichita.tivoli.com) wrote:
: Does anyone know how to modify the Kenwood TS-850S for general-coverage
transmit? I would
: like to use it with a 6-meter transverter that uses a 20-meter IF, and I would
like to be
: able to cover more than just the lower 450 kHz of the 6-meter band.

One of the ham FTP sites has a thread on the 850 which covers this. I
believe that the QRZ CDRom also does. If I can find it I'll e-mail it to
you.

You might look around using Jughead.

73

--

rogjd@netcom.com
Glendale, CA
AB6WR

Date: Tue, 7 Jun 1994 12:44:02 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!convex!news.duke.edu!MathWorks.Com!mv!
chillon!neidorff@network.ucsd.edu
Subject: Wanted: Fluke 8600 DMM Diagram/Manual
To: ham-equip@ucsd.edu

I have a 1975 vintage small bench digital multimeter made by Fluke.
It is their model 8600. The analog circuitry (A/D converter) seems
to have lost its brain. It always displays full scale.

This would be much easier to fix with a schematic diagram. Does
anyone have one to loan, copy, FAX, scan, or otherwise help me?
I'll cover nominal costs (copying, mailing, etc).

Please reply directly to me any of the ways listed below.

Thanks for your assistance.

--

Bob Neidorff; Unitrode I. C. Corp. | Internet: neidorff@uicc.com
7 Continental Blvd. | Voice : (US) 603-429-8541
Merrimack, NH 03054-0399 USA | FAX : (US) 603-424-3460

Date: Tue, 7 Jun 1994 14:33:41 GMT
From: ihnp4.ucsd.edu!swrinde!emory!rsiatl!ke4zv!gary@network.ucsd.edu
To: ham-equip@ucsd.edu

References <2sl5aj\$oi6@nkosi.well.com>, <Cqvq82.579@vectorbd.com>,
<1994Jun7.050835.22194@kd4nc.uucp>=,
Reply-To : gary@ke4zv.UUCP (Gary Coffman)
Subject : Re: Military Radios

In article <1994Jun7.050835.22194@kd4nc.uucp> n4tii@kd4nc.uucp (John Reed) writes:
>

>(Oh, I did pick up a URR-52A 30-1000 mhz allmode receiver...any advise on
>using this to get TV video???I output the video to a monitor, and I can get
>a picture, but it is 'crooked' black and white, and looked inverse too..

Well of course it does, John. NTSC video is transmitted positive sync,
IE peak amplitude is sync tip, black is 62.5% modulation, and white is
12.5% modulation. You need to invert the signal, a single common emitter
class A stage does nicely, and you need to do DC restoration via either
a sync tip or back porch clamp circuit. (If you don't want to build these,
they're in ordinary TV sets. All you have to do is put a switch at demod
out of the TV and a jack on the back so you can insert your demod video
into the TV instead of the TV's demod video. The inversion and clamping
are already there for you in the TV's initial video stages. Monitor_in
jacks on TVs use a point beyond the inversion and clamp circuit since they
expect the "in house" negative sync used by VCRs, cameras, etc rather than
the positive sync "off air" signal.)

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: 7 Jun 94 20:09:38 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!swrinde!gatech!kd4nc!n4tii@ucbvax.berkeley.edu
To: ham-equip@ucsd.edu

References <Cqvq82.579@vectorbd.com>, <1994Jun7.050835.22194@kd4nc.uucp>,

<1994Jun7.143341.27834@ke4zv.atl.ga.us>

Subject : Re: Military Radios

gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>In article <1994Jun7.050835.22194@kd4nc.uucp> n4tii@kd4nc.uucp (John Reed)
>writes:

>>

>>(Oh, I did pick up a URR-52A 30-1000 mhz allmode receiver...any advise on
>>using this to get TV video???I output the video to a monitor, and I can get
>>a picture, but it is 'crooked' black and white, and looked inverse too..

>Well of course it does, John. NTSC video is transmitted positive sync,
>IE peak amplitude is sync tip, black is 62.5% modulation, and white is
>12.5% modulation. You need to invert the signal, a single common emitter
>class A stage does nicely, and you need to do DC restoration via either
>a sync tip or back porch clamp circuit. (If you don't want to build these,
>they're in ordinary TV sets. All you have to do is put a switch at demod
>out of the TV and a jack on the back so you can insert your demod video
>into the TV instead of the TV's demod video. The inversion and clamping
>are already there for you in the TV's initial video stages. Monitor_in
>jacks on TVs use a point beyond the inversion and clamp circuit since they
>expect the "in house" negative sync used by VCRs, cameras, etc rather than
>the positive sync "off air" signal.)

>Gary

>--

>Gary Coffman KE4ZV		You make it,	gatech!wa4mei!ke4zv!gary
>Destructive Testing Systems		we break it.	uunet!rsiatl!ke4zv!gary
>534 Shannon Way		Guaranteed!	emory!kd4nc!ke4zv!gary
>Lawrenceville, GA 30244			

I am confused...I don't have an EE , so talk a little 'stupid' to me!(grin)

OK..are you familiar with this military receiver? To get any kind of TV signal,
I change the IF on it to 2000khz, and put it in AM mode, tune to a signal,
(a la 497 something - channel 17 wtbs). the rig has a bnc jack labeled 'video
output' .. i run this to a composite IN on my monitor of the computer, and
I get an inverted black and white picture that is all bent ... looks like those
INDEGESTION commercials of the early '80's...

Tell me what must be done to get NTSC video out of that port on the back.

John

(you can follow up by email to the address in the sig...leave me email with
a phone number to call...it is toll free for me to call into atlanta!))

--

John Reed - Gainesville, GA | Internet: n4tii%kd4nc.uucp@gatech.edu
N4TII - AFA2FH - Redstar 204 | Packet : n4tii@n4hdw.ga.usa.noam
 "That which can make you can also break you." - Mr. Rhythm's Good Advice

Date: (null)
From: (null)
Mike, K0TER

End of Ham-Equip Digest V94 #179
